

ABSTRACT OF THE DISCLOSURE

The amphibious vehicle is a motorized vehicle capable of travel on land as well as in the water. The amphibious vehicle has a boat-like hull, and a caterpillar track assembly mounted along each side by hinges. The tracks are arranged so that they can be rotated between a lowered position, where they support the amphibious vehicle and provide traction and propulsion during land operation, and a raised position, where they rest vertically on or above the hull's deck during marine operation. With the caterpillar track assemblies in the raised position, stowed on the hull's deck, the caterpillar track assemblies are fully removed from the water to improve performance and maneuverability. Additionally, with the tracks in their upright position the overall width of the amphibious vehicle is narrowed to facilitate trailering. The tracks employ hydraulic motors in a direct drive configuration for propulsion, reducing weight and complexity of the tracks.